

STANFORD UNIVERSITY  
STANFORD, CALIFORNIA

Novich

DEPARTMENT OF GENETICS  
*School of Medicine*

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Dear Aaron:

I don't know why I should have been so fuzzy in trying to explain the ion beam, when, as I realized thinking about it on the train, I was just trying to describe the linear accelerator. The 'resonant' frequency I had in mind was just the reciprocal of the time of flight of the accelerated ion from the source to electrode, or one electrode to the next. The one additional feature I had in mind was the alternate acceleration of ions of opposite charge, which would then follow one another in sheets. For example,  $\text{Ge}^{72++}$  ;  $2\text{CF}^{36-}$  . Do you know if a linear accelerator has ever been used in this way and, if so, whether there would be any possible benefit from it? Of course I can ask around here.

See you in May;

Yours,

